

18 MARS

Work Order ID 130570

130570

Page 1

Monday, March 16, 2015 11:48:46 AM

Item ID: 647.7303

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 3/16/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 3/18/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

15-3-16

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

647.7300

A

SP

MLJ

15-03-17

100

Document Control

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP 647.7303

(1X)

DAS
46
9-89

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

(1X)

DAS
26
9-89

MAR 17 2015

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

(1X)

DAS
46
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General		
☐ Bending	☐ Bend	☐ Folio/Program	☐ Outside Dimensions
☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance
☐ Cracks	☐ Broken/Damage/Defect	☐ Hardware	☐ Part Incorrect
☐ Crimp/Kink/Ripple/Wave	☐ Burrs	☐ Inspection Incomplete/Unqualified	☐ Part Lost/Missing
☐ Cuffs	☐ Contamination	☐ Instructions Incomplete/Unclear	☐ Part Moved
☐ Crushing	☐ Countersink	☐ Misaligned/off center	☐ Positioned Wrong
☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Power Loss/Surge
☐ Inspection Strip in Tube	☐ Drawing	☐ Misread	☐ Pressure/Forced
☐ Marks/Chatter	☐ Drill Holes	☐ Off-set	☐ Set-up
☐ Turning Sequence	☐ Finish	☐ Out of Calibration	☐ Temperature/Cure
☐ Wave/Twist in Tube	☐ Fit/Function	☐ Out of Sequence	☐ Weld
			☐ Wrong Stock Pulled
			☐ Other

Work Order ID 130570

130570

Page 2

Monday, March 16, 2015 11:48:46 AM

Item ID: 647.7303

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 3/16/2015 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 3/18/2015 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Packaging					(LX)	DAS 46		
Packaging	Memo	0.00					9-89		
Packaging	Identify and pack for shipping as per PPP 647.7303 Location: _____	Sold							
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

ML5 1503-18
MF
15-3-18

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Page 1

Monday, March 16, 2015 11:48:43 AM

Work Order ID: 130570

130570

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 3/16/2015

Required Date: 3/18/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.10.05 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
647.7401		Manufactured	No				Each	0.0000		1			DAS 28 9-89
647 7401	DAS 46 9-89								**	130388			
Upper Cutter Assembly													
647.7501		Manufactured	No				Each	0.0000		1			
647 7501	DAS 46 9-89								**	130388			DAS 28 9-89
Lower Cutter Assembly													
647.1701		Manufactured	No				Each	9.0000		2			
647 1701	DAS 46 9-89								**				DAS 28 9-89
Skid Deflector Assembly													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				CCK044		9							
				124704		2				2x.			
				M130388		7							
647.7702		Manufactured	No				Each	14.0000		2			
647 7702	DAS 46 9-89								**				
Strut Assembly													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				CCK083		14							
				92910		4							
				93194		4				2x			
				M130388		6							

MAR 17 2015

DAS
28
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Page 2

Monday, March 16, 2015 11:48:43 AM

Work Order ID: 130570

130570

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 3/16/2015

Required Date: 3/18/2015

Start Qty: 1.00

Required Qty: 1.00

647.7701

Manufactured No

Each

13.0000

2

647 7701

Strut Assembly

DAS
46
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK073

13

92909

4

93317

4

M130388

5

2X

DAS
28
9-89

647.0112

Manufactured No

Each

219.0000

4

647 0112

Strut Bracket

DAS
46
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

CCK109

219

112215

52

122245

23

122871

52

M130388

92

4X

DAS
28
9-89

AN665-34R

Purchased No

Each

18.0000

4

AN665-34R

Clevis

DAS
46
9-89

**

DAS
28
9-89

Location

Loc Qty

Loc Code

ST330

18

M131584

18

Each

510.0000

4X

DAS
28
9-89

AN3-11A

Purchased No

Each

510.0000

AN3-11A

Bolt

DAS
46
9-89

**

MAR 17 2015

DAS
28
9-89

Location

Loc Qty

Loc Code

ST338a

510

m115457

40

m125709

470

m 130005

Monday, March 16, 2015 11:48:44 AM

Shop Packet Print

Page 2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Page 3

Monday, March 16, 2015 11:48:44 AM

Work Order ID: 130570

130570

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 3/16/2015

Required Date: 3/18/2015

Start Qty: 1.00

Required Qty: 1.00

AN4C7A Purchased No

Each 172.0000 4

AN4C7A DAS
BOLT 46
9-89

**

DAS
28
9-89

DAS
28
9-89

Location Loc Qty Loc Code

ST312A 100

m127363 100

ST345 72

m128634 72

NAS6603-12 Purchased No

Each 152.0000 4

NAS6603-12 DAS
Bolt 46
9-89

**

DAS
28
9-89

Location Loc Qty Loc Code

ST261 152

123900 152

Each 47.0000 4

NAS6603-16 Purchased No

NAS6603-16 DAS
Bolt 46
9-89

**

DAS
28
9-89

Location Loc Qty Loc Code

ST261 47

m128199 47

Each 140.0000 4

NAS6604-66 Purchased No

NAS6604-66 DAS
Bolt 46
9-89

**

DAS
28
9-89

Location Loc Qty Loc Code

ST261 140

124328 96

M130388 44

MAR 17 2015

DAS
28
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Folio/Program	Outside Dimensions
☐ Bending	☐ Bend	☐ Grain	☐ Pressure/Forced
☐ Centre Not Concentric	☐ BOM/Route	☐ Hardware	☐ Over/Under tolerance
☐ Cracks	☐ Broken/Damage/Defect	☐ Inspection Incomplete/Unqualified	☐ Part Incorrect
☐ Crimp/Kink/Ripple/Wave	☐ Burrs	☐ Instructions Incomplete/Unclear	☐ Part Lost/Missing
☐ Cuffs	☐ Contamination	☐ Misaligned/off center	☐ Part Moved
☐ Crushing	☐ Countersink	☐ Mislabeled	☐ Positioned Wrong
☐ Heat Treat	☐ Cut Too Short	☐ Misread	☐ Power Loss/Surge
☐ Inspection Strip in Tube	☐ Drawing	☐ Off-set	☐ Other
☐ Marks/Chatter	☐ Drill Holes	☐ Out of Calibration	
☐ Turning Sequence	☐ Finish	☐ Out of Sequence	
☐ Wave/Twist in Tube	☐ Fit/Function		

Picklist Print

Page 4

Monday, March 16, 2015 11:48:44 AM

Work Order ID: 130570

130570

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 3/16/2015

Required Date: 3/18/2015

Start Qty: 1.00

Required Qty: 1.00

MS21042-08 MS21042L08 Purchased No

Each 26.0000

MS21042-08

DAS
46
9-89

**

6
m 131624.

DAS
28
9-89

USE MS21042L08

Location

Loc Qty

Loc Code

ST304

25

122815

25

ST306

1

123185

1

Each

560.0000

4

**

DAS
28
9-89

MS21042-3 MS21042L3 Purchased No

MS21042-3

DAS
46
9-89

Nut / use MS21042L3

Location

Loc Qty

Loc Code

CA

501

M129682

501

ST305

59

M128770

29

M129541

30

MAR 17 2015

DAS
28
9-89

4x

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Page 5

Monday, March 16, 2015 11:48:44 AM

Work Order ID: 130570

130570

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 3/16/2015

Required Date: 3/18/2015

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

Each

2,873.000

8

MS21042L4

DAS

Locknut

46
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

42

m124231

42

GA

644

m127813

644

ST260a

1140

m130799

56

m131340

1084

ST305

1047

426

426

m128300

8

m128798

4

m130922

97

m131618

512

EX

AN316C4R

Purchased

No

Each

63.0000

4

AN316C4R

DAS

NUT

46
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST331

63

124561

22

m127584

8

m127618

20

m127838

13

4X

MAR 17 2015

DAS
28
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Page 6

Monday, March 16, 2015 11:48:44 AM

Work Order ID: 130570

130570

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 3/16/2015

Required Date: 3/18/2015

Start Qty: 1.00

Required Qty: 1.00

MS27039-08-13

Purchased

No

Each

465.0000

4

MS27039-08-13

DAS

46

9-89

Screw

DAS
26
9-89

Location

Loc Qty

Loc Code

ST273A

346

124326

346

ST281

119

123352

39

4067

69

M123185

11

Each

112.0000

2

DAS
26
9-89

MS27039-08-16

Purchased

No

MS27039-08-16

DAS

46

9-89

SCREW PAN HD

Location

Loc Qty

Loc Code

CA

48

112466

48

ST281

64

M130388

64

Each

4,124.000

12

DAS
26
9-89

NAS1149FN832P

Purchased

No

NAS1149FN832P

DAS

46

9-89

Washer

Location

Loc Qty

Loc Code

ST260a

1954

125268

1954

st268

2170

125268

1263

M130388

907

MAR 17 2015

DAS
28
9-89

Monday, March 16, 2015 11:48:45 AM

Shop Packet Print

Page 6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Page 7

Monday, March 16, 2015 11:48:45 AM

Work Order ID: 130570

130570

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 3/16/2015

Required Date: 3/18/2015

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

Each

4,517.000

12

NAS1149F0332P

DAS

46

Washer

9-89

Location

Loc Qty

Loc Code

GA

222

122063

222

ST260a

2586

m128401

6

m131026

80

m131697

2500

st268

1709

123900

580

m130325

1129

12X

DAS
26
9-89

NAS1149F0432P

Purchased

No

Each

1,528.000

8

NAS1149F0432P

DAS

46

WASHER

9-89

Location

Loc Qty

Loc Code

ST260a

1000

M131697

1000

st268

528

M128995

63

M131340

465

8X.

DAS
26
9-89

601.2045

Purchased

No

Each

25.0000

1

601 2045

DAS

46

RTV (LOCTITE 598)

9-89

Location

Loc Qty

Loc Code

CCK096

8

m131142

8

cck15a

17

m131311

17

1X.

MAR 17 2015

DAS
26
9-89

Monday, March 16, 2015 11:48:45 AM

Shop Packet Print

Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Crosstube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐
--	--	---

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced ☐ Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

Picklist Print

Page 8

Monday, March 16, 2015 11:48:45 AM

Work Order ID: 130570

130570

Parent Item: 647.7303

647 7303

Parent Item Name: EC135 Cable Cutters (Removable Provisions Only)

Start Date: 3/16/2015

Required Date: 3/18/2015

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0463P

Purchased

No

Each

1,321.000

8

DAS
28
9-89

NAS1149F0463P

Washer

DAS
46
9-89

Location

Loc Qty

Loc Code

MAR 17 2015

ST260a

998

m127832

998

st268

323

m127832

323

8X

DAS
28
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube ☐</td> <td>Crosstube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Crosstube ☐	Water Jet ☐	Engineering ☐															
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐															
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐															
Large Fab ☐	Composite ☐	Supplier ☐																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Inspection Strip in Tube ☐ Marks/Chatter ☐ Turning Sequence ☐ Wave/Twist in Tube	General ☐ Bend ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Burrs ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Drawing ☐ Drill Holes ☐ Finish ☐ Fit/Function	☐ Folio/Program ☐ Grain ☐ Hardware ☐ Inspection Incomplete/Unqualified ☐ Instructions Incomplete/Unclear ☐ Misaligned/off center ☐ Mislabeled ☐ Misread ☐ Off-set ☐ Out of Calibration ☐ Out of Sequence	☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Positioned Wrong ☐ Power Loss/Surge ☐ Pressure/Forced Set-up ☐ Temperature/Cure ☐ Weld ☐ Wrong Stock Pulled ☐ Other
--	--	---	--

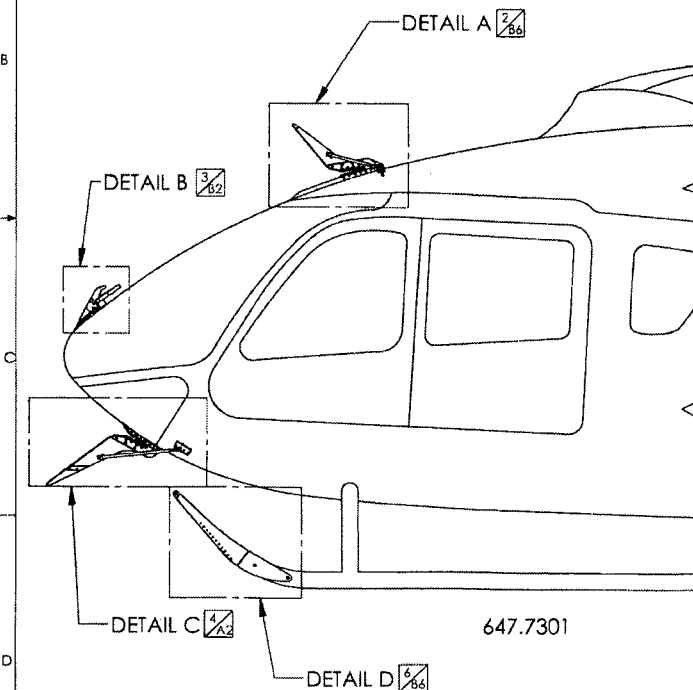
REFERENCE ONLY

DAS
46
9-89

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES. ANY REPRODUCTION OF PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

NOTES: UNLESS OTHERWISE SPECIFIED

- 1 AFTER INSTALLATION, APPLY F/N 90 A/R TO FILL GAPS AND FILLET EDGES.
- 2 APPLY F/N 91 TO FAYING SURFACES.
- 3 AT CUSTOMERS OPTION, INSTALL F/N 92 BY MATCH DRILLING ONTO F/N 1 OR F/N 2.
- 4 MATCH DRILL HOLES THROUGH F/N 26 AND FUSELAGE.
- 5 SHIM GAP BETWEEN F/N 1 & 26 AS NEEDED.
- 6 AT CUSTOMERS OPTION, INSTALL F/N 101 BY MATCH DRILLING ONTO F/N 1.



UNINCORPORATED ECN(s)

03044

		REF	100	647.5701	GPS MOUNT KIT		
	24	24	99	601.3213	CHERRY RIVET	CR3213-4-4	
	8	8	98	601.3214	CHERRY RIVET	CR3213-4-3	
		4	4	97	601.3212	CHERRY RIVET	CR3213-4-3
8		8	96	601.1097	WASHER	NAS114910430P	
	1	1	95	647.7919	SHIM		
	1	1	94	600.0990	MAGNOBOND 6398 PART		
	i	1	93	600.0991	MAGNOBOND 6398 PART B		
		REF	92	647.5701	GPS MOUNT KIT		
1		1	91	601.2045	RIV	LOCITE 398	
	1	1	90	600.1012	SEALANT	PR-1425 CLASS B	
	3	3	89	601.2375	WASHER		
	4	4	88	601.3126	WASHER	NAS114910532P	
8		8	87	601.2638	WASHER	NAS114910432P	
12	74	86	86	601.1607	WASHER	NAS114910332P	
12	2	14	85	601.2764	WASHER	NAS114910532P	
	2	2	84	601.3136	CHERRY RIVET	CR3212-5-5	
	8	8	83	601.3215	CHERRY RIVET	CR3212-5-3	
	8	8	82	601.3216	CHERRY RIVET	CR3212-4-3	
	12	12	81	601.2481	CHERRY RIVET	CR3213-5-4	
	16	16	98	601.2020	CHERRY RIVET	CR3213-5-3	
	17	17	79	601.2991	CHERRY RIVET	CR3213-4-6	
	8	8	78	601.1183	CHERRY RIVET	CR3213-4-5	
	16	16	99	601.1915	CHERRY RIVET	CR3213-4-4	
	24	24	97	601.0790	CHERRY RIVET	CR3213-4-3	
	4	4	75	601.1604	CHERRY RIVET	CR3213-4-2	
	4	4	74	601.1983	NUTPLATE RIVET	CCR27455-3-03	
	24	24	73	601.2207	NUTPLATE RIVET	CCR27455-3-03	
	3	3	72	601.2999	SCREW		
	6	6	71	601.2829	SCREW	MS27469-4-54	
	2	2	70	601.1954	SCREW	MS27039-1-17	
	4	4	69	601.2637	SCREW	MS27039-1-16	
	1	1	68	601.3012	SCREW	MS27039-1-15	
	4	4	67	601.1622	SCREW	MS27039-1-14	
	2	2	66	601.1953	SCREW	MS27039-1-12	
	6	6	65	601.1365	SCREW	MS27039-1-10	
	12	12	64	601.3069	SCREW	MS27039-1-09	
	3	3	63	601.2198	SCREW	MS27039-1-07	
2		2	62	601.3137	SCREW	MS27039-0810	
4		4	61	601.2988	SCREW	MS27039-0813	
	1	1	60	601.2525	SCREW	MS27039-0807	
	4	4	59	601.3127	LOCKNUT	MS21042L5	
	2	2	58	647.8512	INSERT		
	4	4	57	647.8511	INSERT		
	19	19	56	647.8510	INSERT		
4		4	55	601.3128	NUT	AN314C4R	
8		8	54	601.3209	LOCKNUT	MS21042L4	
4	30	34	53	601.2943	LOCKNUT	MS21042L3	
6	1	7	52	601.2973	LOCKNUT	MS21042L08	
4		4	51	601.3002	BOLT	NAS6604-66	
4		4	50	601.3130	BOLT	NAS6602-16	
4		4	49	601.1500	BOLI	NAS6603-12	
4		4	48	601.2669	BOLT	AN4C7A	
	1	1	47	601.1324	BOLT	AN4C4B6A	
4		4	46	601.2826	BOLT	AN3-11A	
	2	2	45	601.2823	BOLT	AN3-8A	
	12	12	44	600.0795	NUTPLATE	MS21047-3	
	2	2	43	601.3004	CAMLOC STUD		
7303	7302	7301	FIND	PART #	DESCRIPTION	MAT'L	SPR

				REVIEWS			
REV.		DESCRIPTION		DATE	APPROVED		
		LAST PRECISITYPE REVIEWED: REV A					
NIC		RETAIL RELEASE		01/13/09	P. BRAVO		
A		INCORPORATED ECNS 02938, 03000, 03044, 03066		02/14/11	P. BRAVO		

	2	2	42	601.3005	CAMLOC RETAINER		
	2	2	41	601.3006	CAMLOC RECEPTACLE		
4		4	40	601.3119	CLEVIS	AN665-34R	
	2	2	39	601.3120	EYE BOLT	AN44-12A	
	2	2	38	601.3121	EYE BOLT	AN44-5A	
	1.5FT	1.5FT	37	601.3007	GROMMET	MS71266-2H	
	1.5FT	1.5FT	36	601.3011	P-SEAL		
	1	1	35	647.3201	GROUNDING CABLE ASSY		
	4	4	34	647.2511	NUT		
	4	4	33	647.2510	SLEEVE		
	13	13	32	647.1812	SHIM		
	2	2	31	647.1811	SPACER		
	1	1	30	647.1602	DOUBLER ASSY		
	1	1	29	647.1914	BRACKET		
	1	1	28	647.7822	EYE BOLT FITTING RH		
	1	1	27	647.7821	EYE BOLT FITTING LH		
	1	1	26	647.7818	MOUNTING CHANNEL		
	1	1	25	647.7820	CROSS BRACKET AFT		
	1	1	24	647.7819	CROSS BRACKET FWD		
	1	1	23	647.7918	BRACKET		
	1	1	22	647.7917	BRACKET		
	2	2	21	647.7916	BRACKET		
	1	1	20	647.7915	BRACKET		
	1	1	19	647.7914	BRACKET		
	2	2	18	647.7913	DOUBLER		
	4	4	17	647.7912	CLIP		
	2	2	16	647.7911	BRACKET		
	2	2	15	647.7910	ANGLE BACKET		
4		4	14	647.0112	STRUT BRACKET		
	1	1	13	647.1810	NOSE DOOR DOUBLER		
	1	1	12	647.1818	NOSE DOOR SPACER		
2		2	11	647.7701	STRUT ASSY		
2		2	10	647.7702	STRUT ASSY		
	1	1	9	647.1815	GUSSET, RH		
	1	1	8	647.1814	GUSSET, LH		
	1	1	7	647.1915	SUPPORT ANGLE		
	1	1	6	647.1913	TEE		
	1	1	5	647.1610	WIPER DEFLECTOR, FWD		
	1	1	4	647.1601	WIPER DEFLECTOR ASSY, AFT		
2		2	3	647.1701	SKID DEFLECTOR ASSY		
1		1	2	647.7501	LOWER CUTTER ASSY		
1		1	1	647.7401	UPPER CUTTER ASSY		
				647.7303	REMOVABLE PROVISIONS KIT		
				647.7302	FIXED PROVISIONS KIT		
				647.7301	EC135 CABLE CUTTERS KIT		
.7303	.7302	.7301	FINO #	PART #	DESCRIPTION	MAT'L	SPEC

QTY		ORIGINAL DATE		PARTS LIST	
NEXT ASSY (S)		NO. OF DAYS	1/12/09	APL	
		DESIGNED BY	1/12/09	APL	
		A. GEM	1/12/09	APL	
		DESIGNED APPROVAL		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	
		1/12/09		APL	